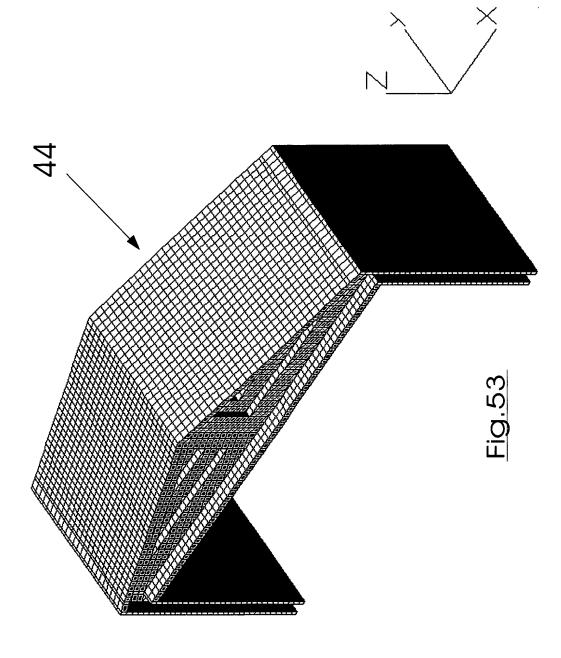


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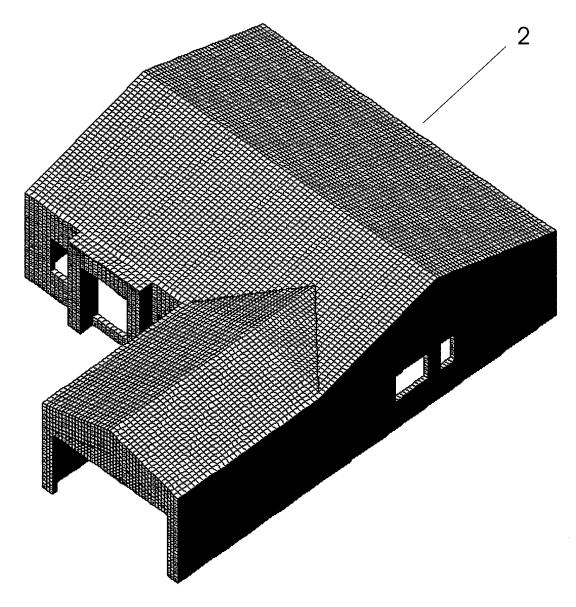


Fig. 58



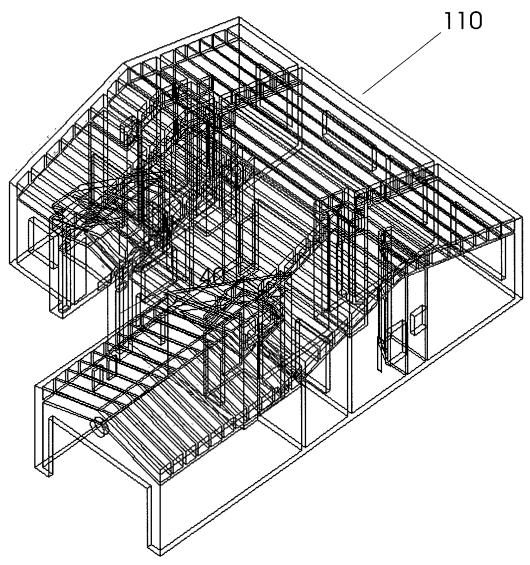


Fig.59

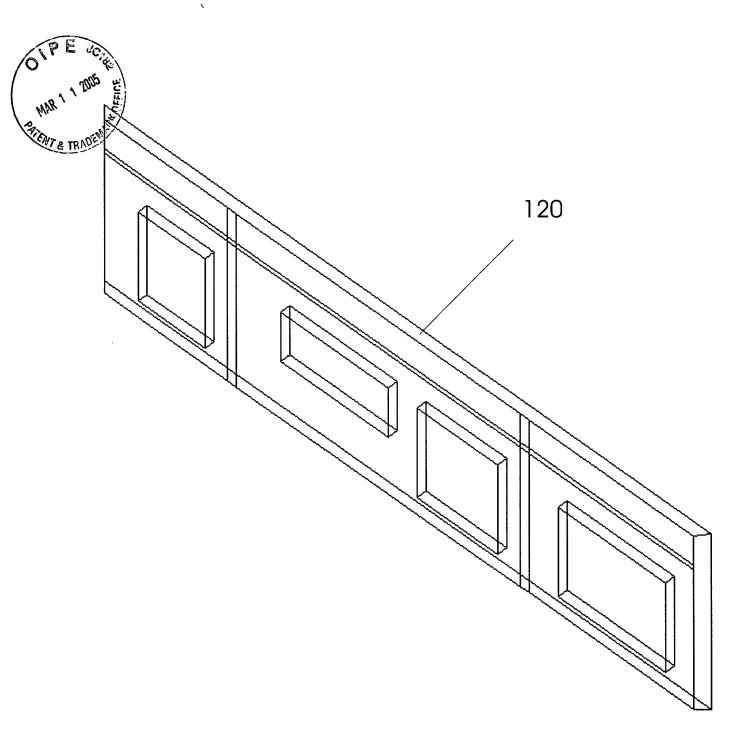
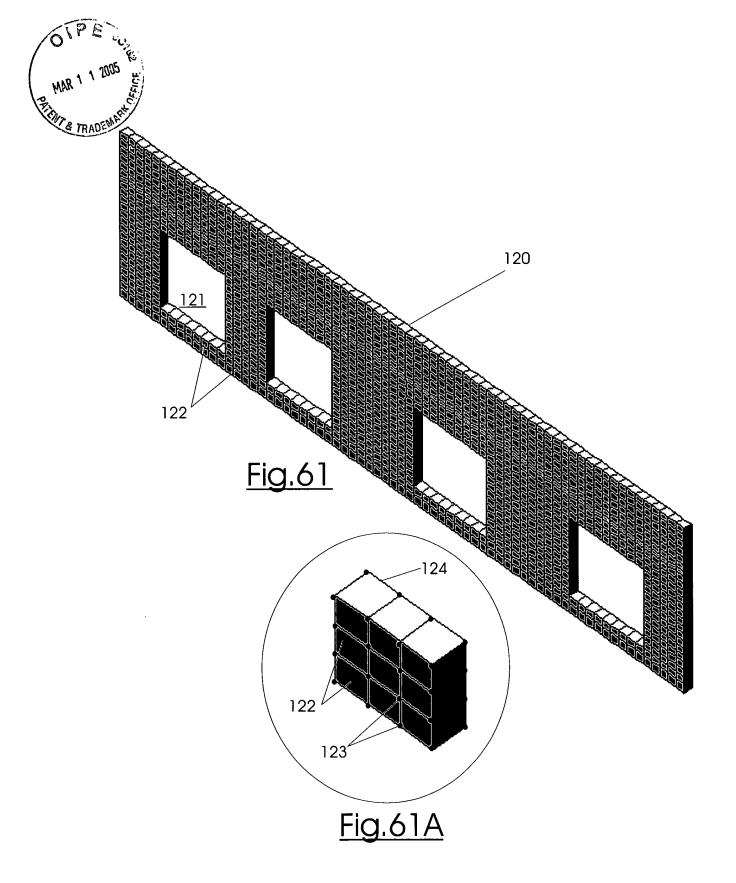
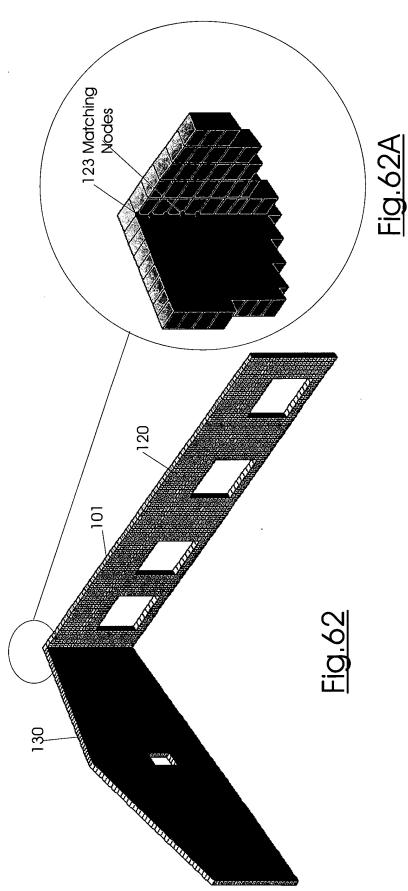


Fig.60







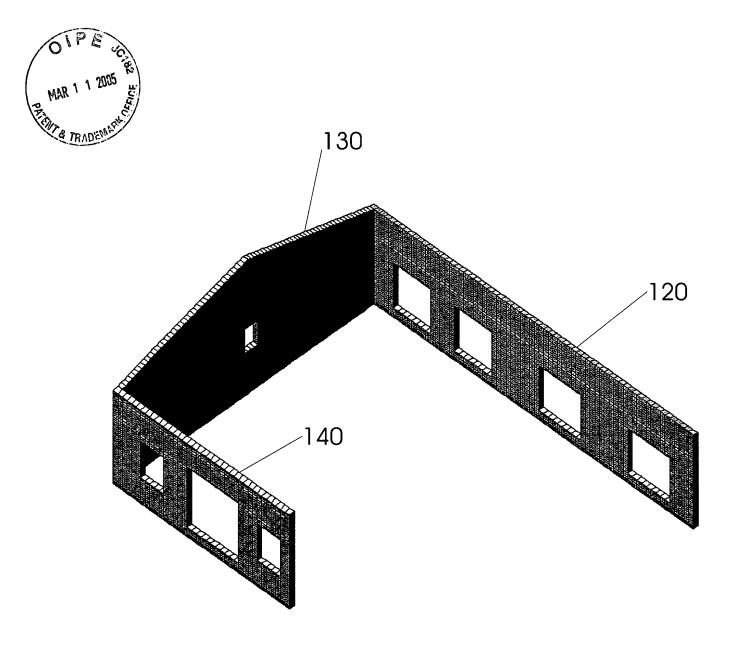


Fig.63

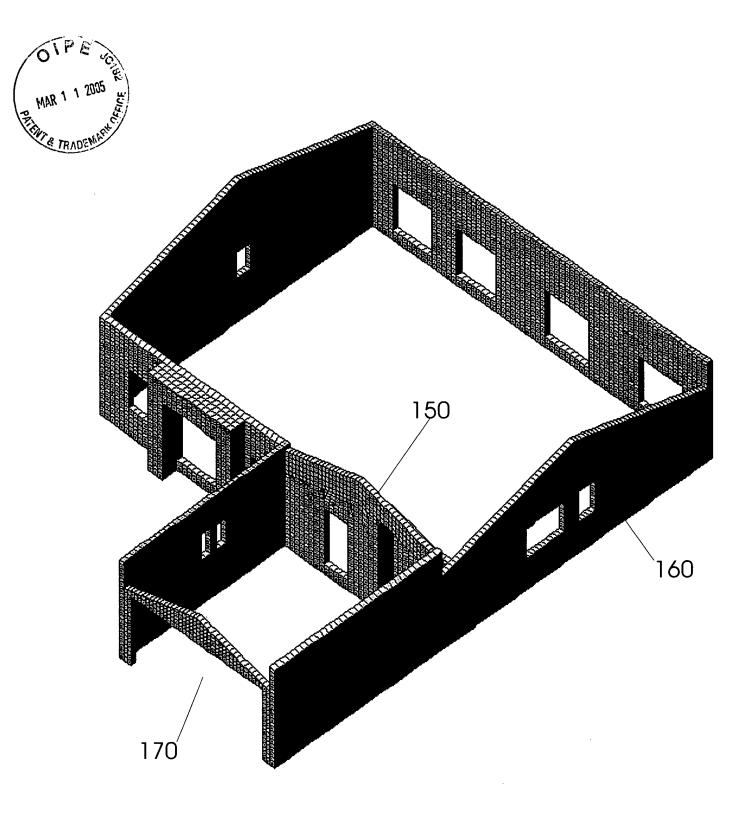
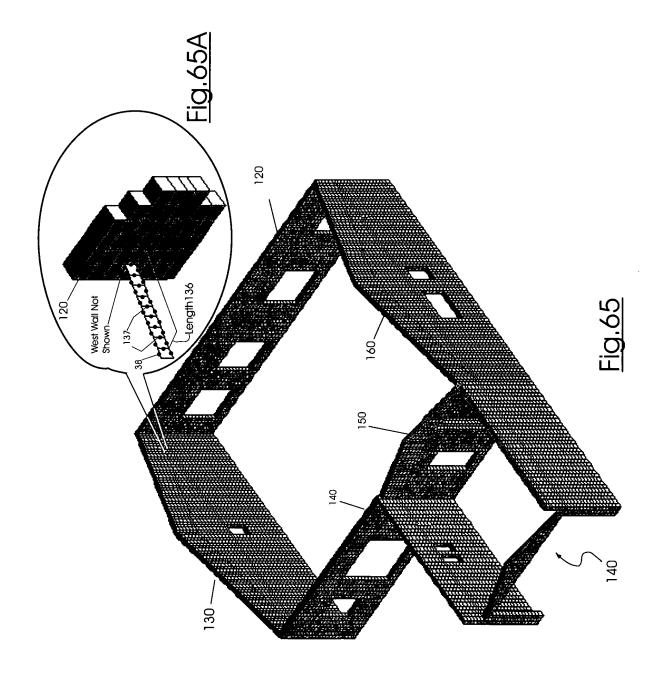
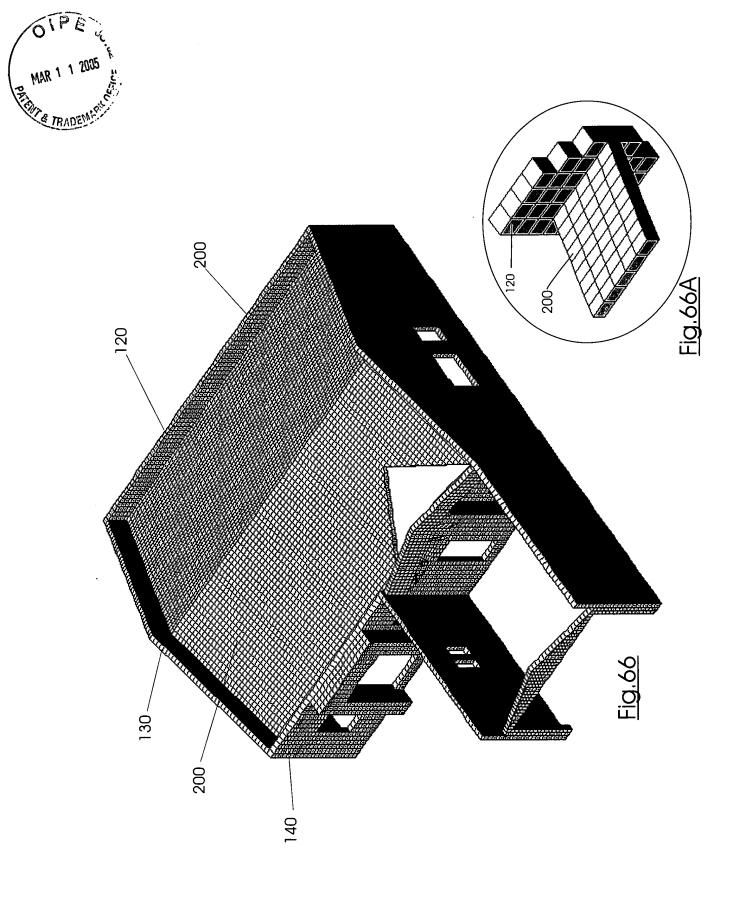


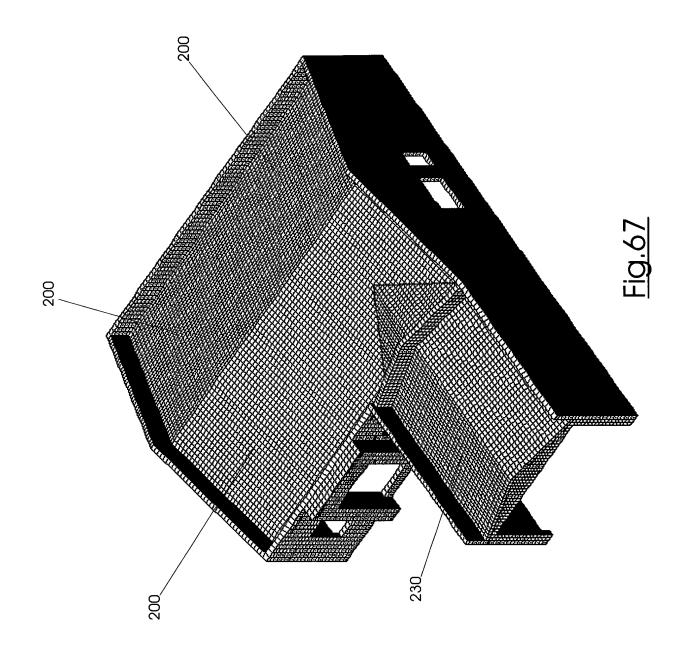
Fig.64











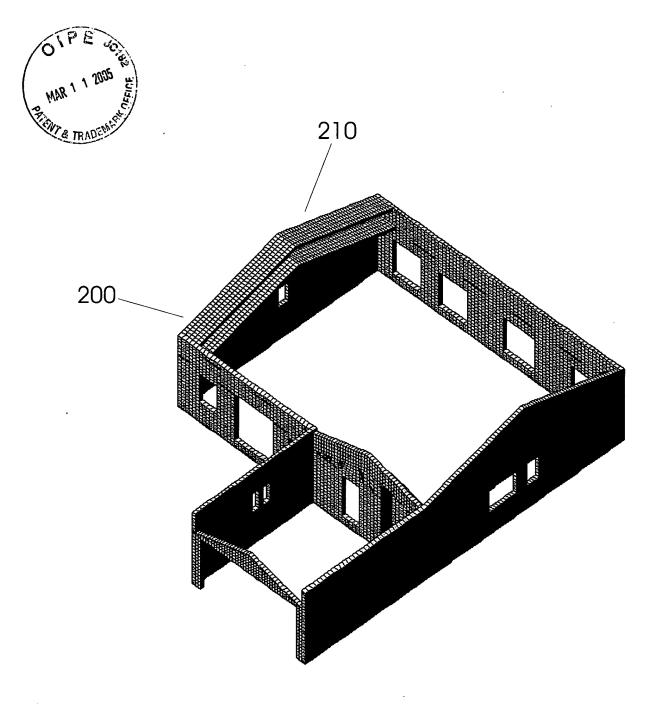


Fig.68

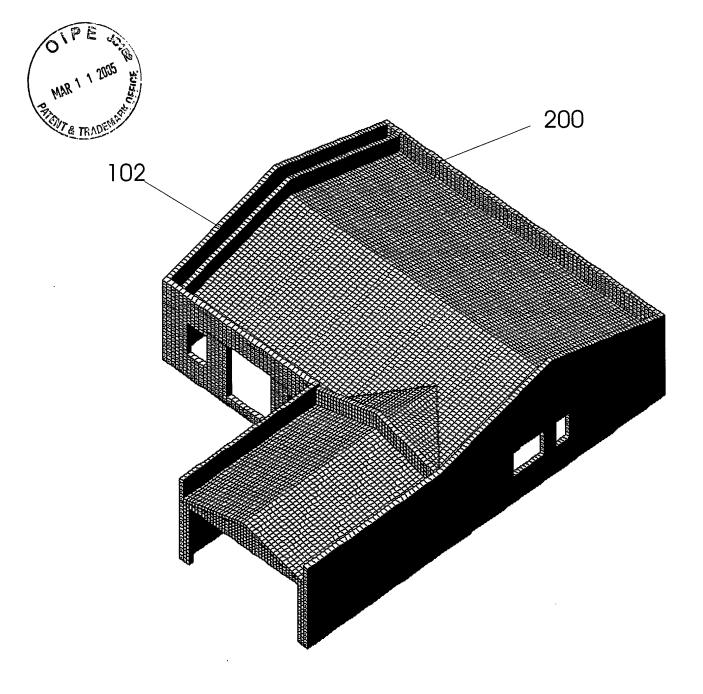


Fig.69

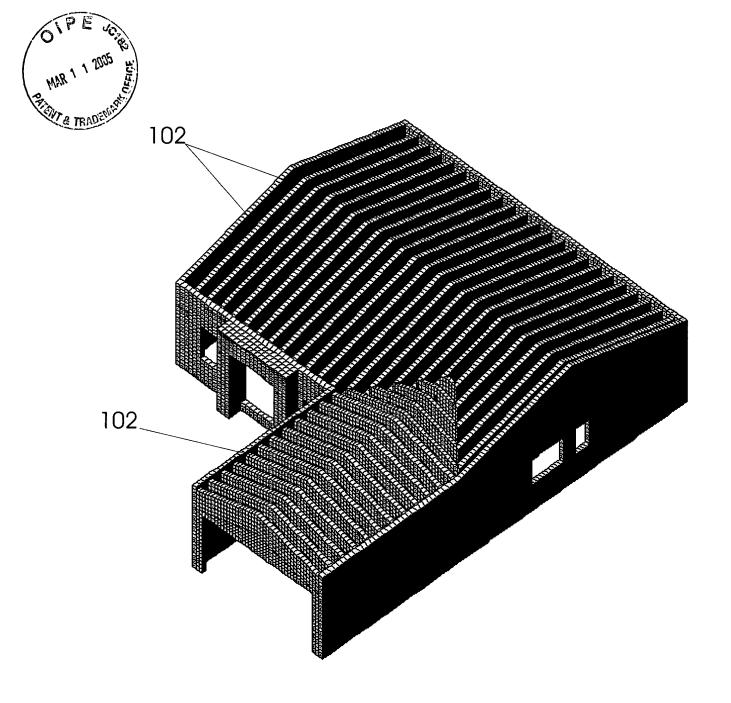


Fig.70

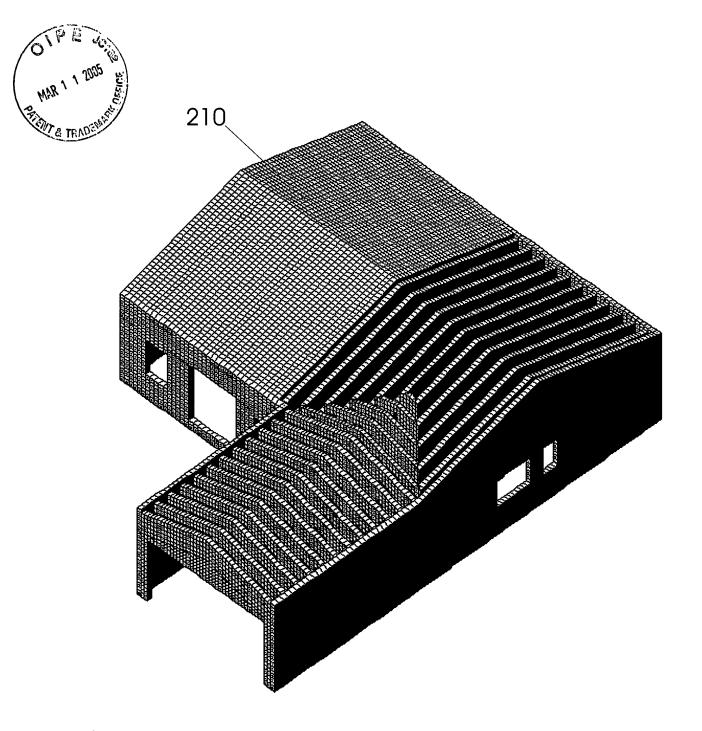


Fig.71



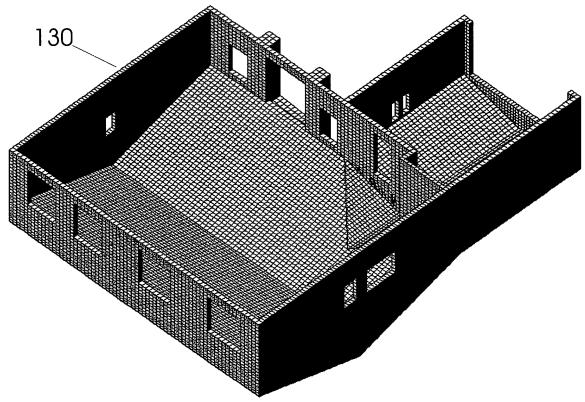
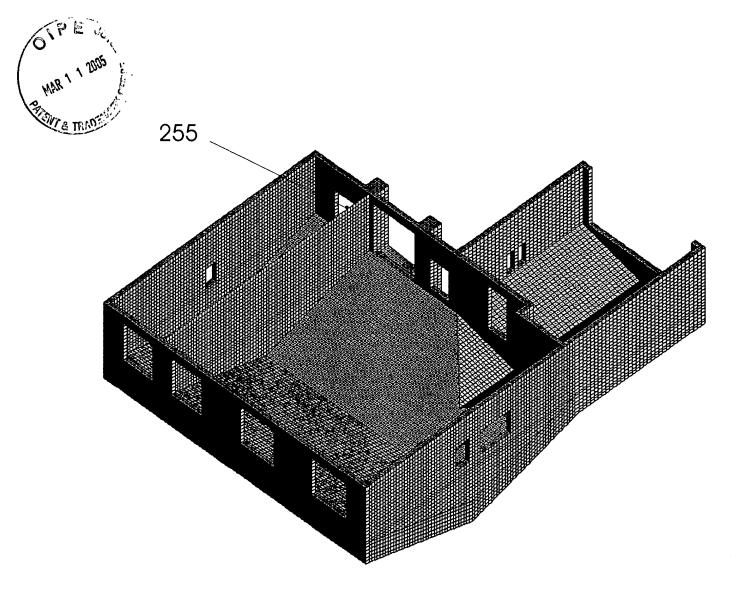


Fig.72



<u>Fig.73</u>

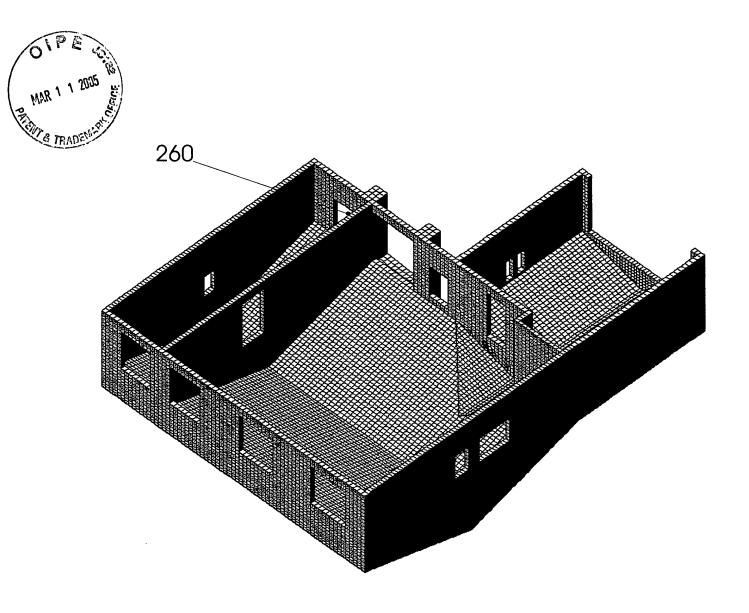


Fig.74



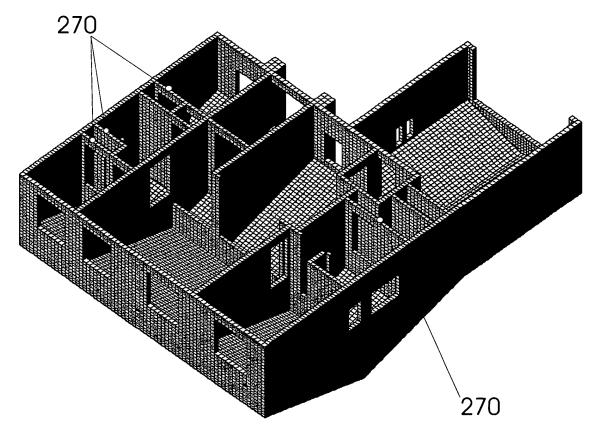
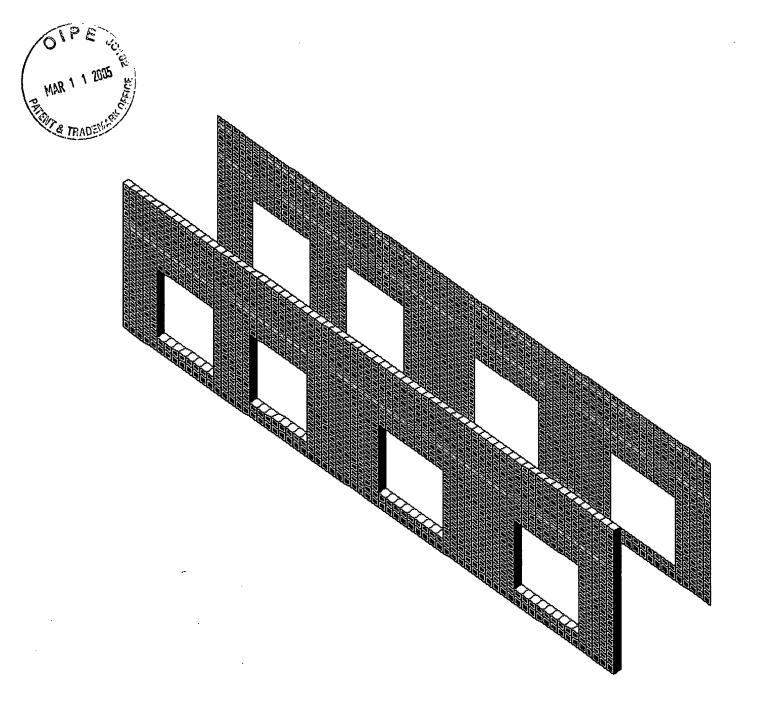


Fig.75



<u>Fig.76</u>



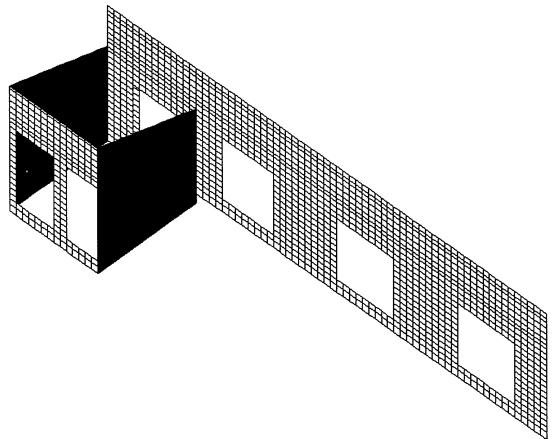


Fig.77

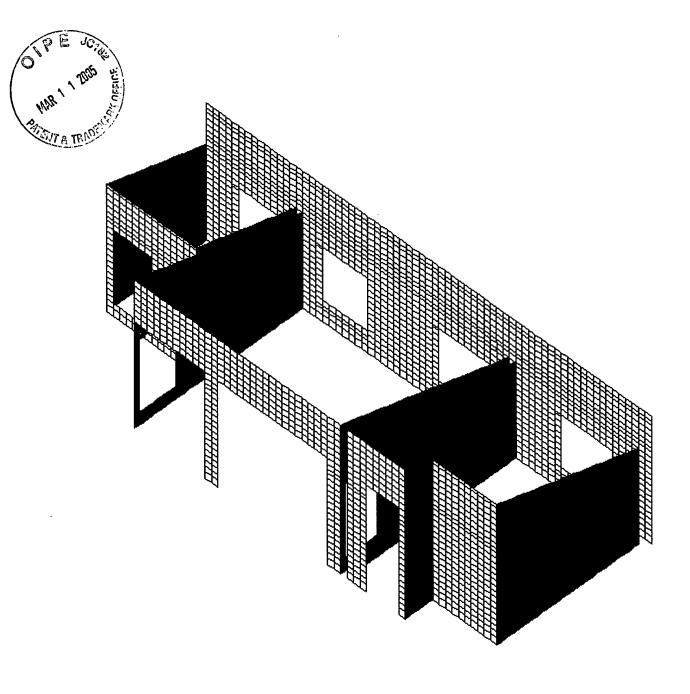
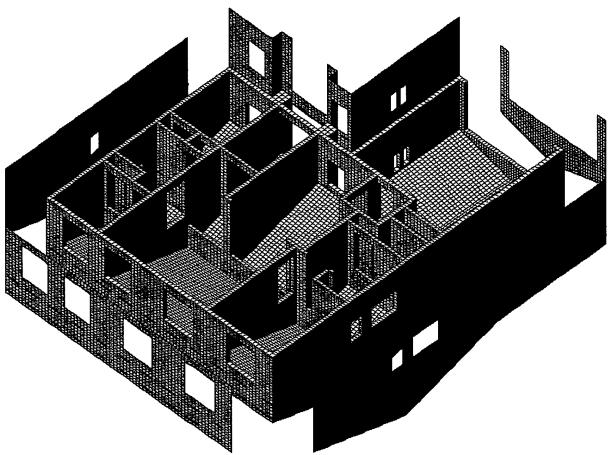


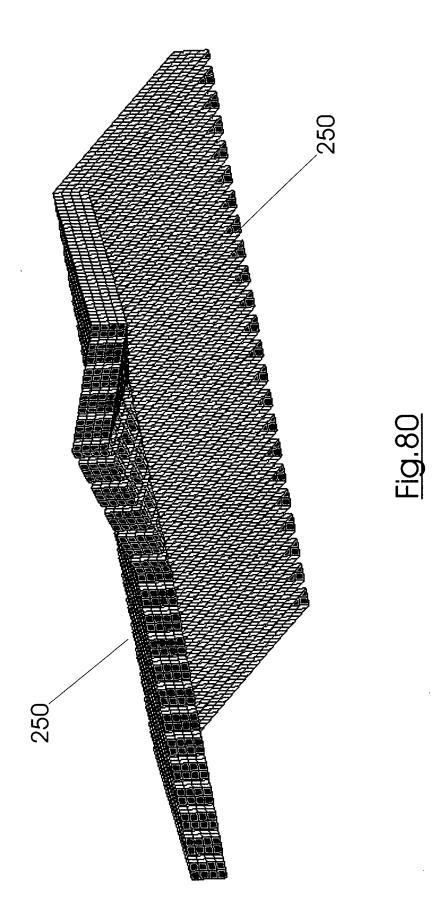
Fig. 78





<u>Fig.79</u>





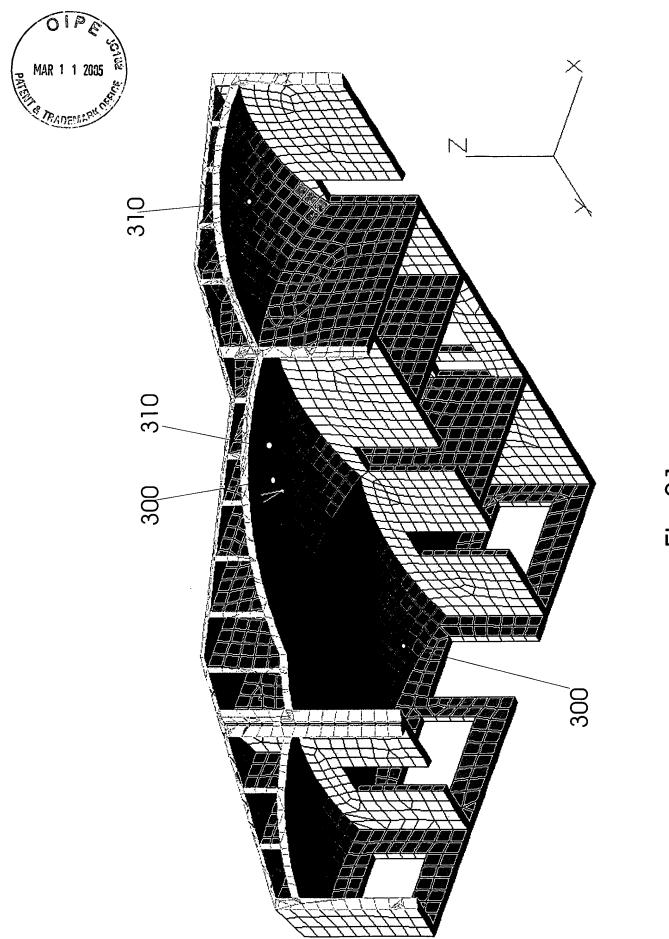


Fig.81



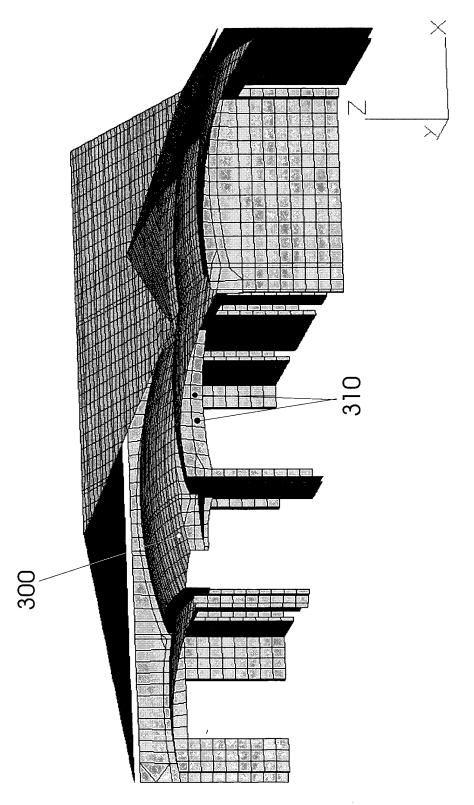


Fig. 82



通りMod	el Data Contro	1				Ŷ.	12	? 🗴
Analysis	Type Linear St	atic Stres	s		F	Group Opt		FEA Model
Group	Active Ghost	Hidden	Element	Data	Material Su	Add	Move	Units
1			Brick	V	A-Strata Core Mate	Delete	Сору	Surface
2			Plate	V	B-Strata Exterior Co	11 /		Global
4			Plate		B-Strata Exterior Co		ate All	Check
5		Ш	Plate	M	B-Strata Exterior Co	Hide All	Toggle	Analysis
ग	<u> </u>					Cle	ose	Results

Fig.83

Βc	undary Conditions 🗵
	Use Binary Display
V	Use @ Symbol for Full
	Change Values
	Text:Attributes
	Box Apply
	Polyline Apply
	Done

Fig.84



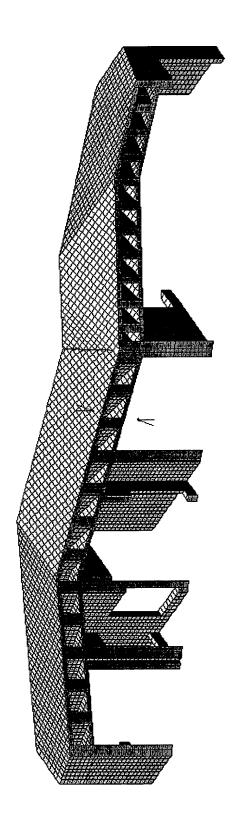


Fig.85



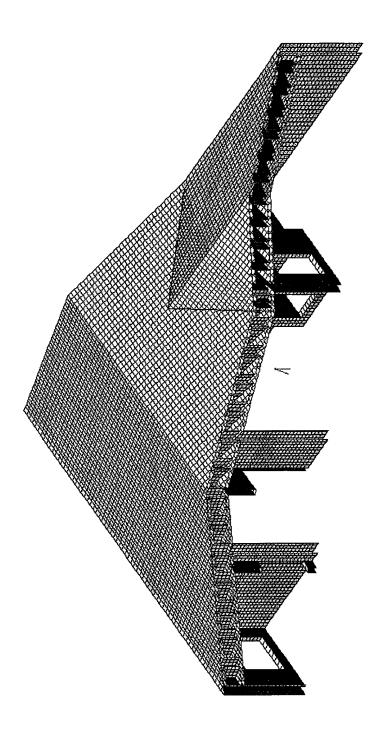


Fig.86

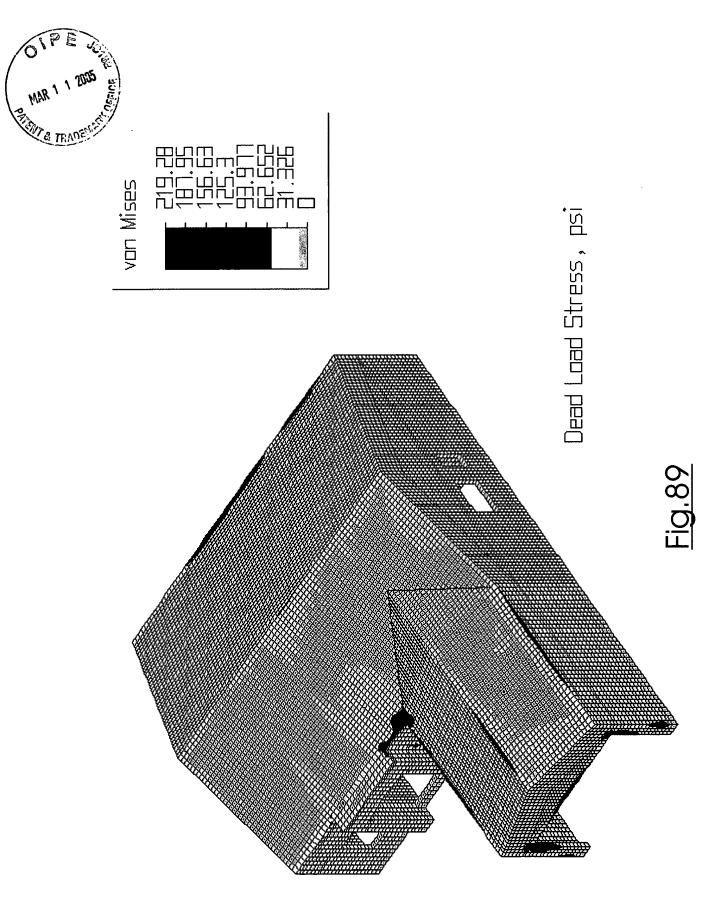


iterial Name: A-Strata iterial Description:	Core Material				
one	<u></u>				nilock Properties
lastic Properties	280	bi/n²	General Properties Damping		s
oisson's Ratio	0.126		Densities Mass Density	2.02187e-6	lb(#s^2/in/in?
lasticity hermal Coefficient of xpansion	0.000035	1/F	Electrical Properties Electrical Conductivity	<u> </u> 0	A/(V*in)
Plastic Properties	0	lbf/ir²	Dielectric Constant	0	
Yield Stress	0	bi/m	Thermal Properties Thermal conductivity	0	in*lbf/(s*in**F)
Elongation at 2 in.	0	3	Specific heat	0	in*lbf/(lbf*s^2/in**

Fig.87

aterial Description:				4. A.	
one					
					Inlook Properties
Elastic Properties			General Properties		
Modulus of Elasticity	2.5e6	lbi/iri	Damping	0	s
Poisson's Ratio	0.18		Densities	1.947e-4	lbf*s^2/in/in*
Shear Modulus of Elasticity	2.12e6	lbf/ir ?	Mass Density	11.5476-4	IDES ZZINZIY
Thermal Coefficient of Expansion	9e-6	1/°F	Electrical Properties —	In	A/(Viin)
Plastic Properties		-	Dielectric Constant	in in	
Ultimate Stress	3000	lbf/in²	Thermal Properties	1	
Yield Stress	1200	lb//r²	Thermal conductivity	0	in*lbf/(s*in**F)
Elongation at 2 in.	0	2	Specific heat	<u>,</u> [0	in*lbf/(lbf*s^2/in

Fig.88



Dead Load Stress, psi

Fig.90

Wind Load Stress, psi

Fig.91

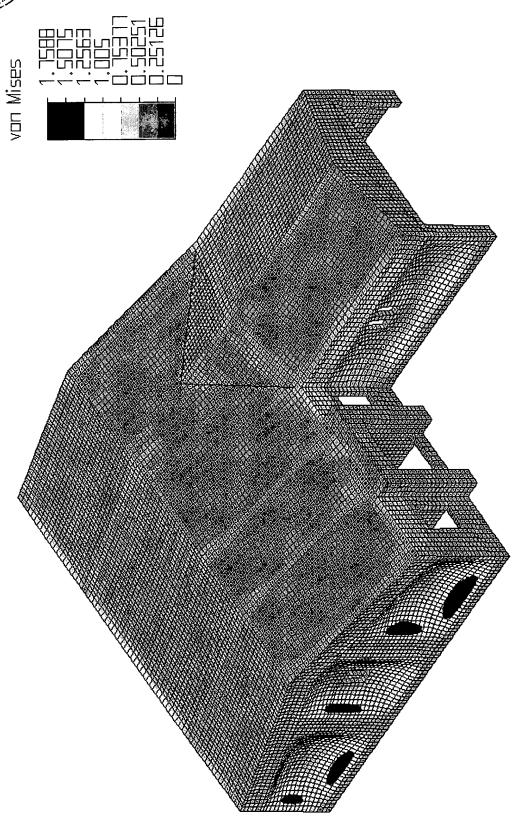


Fig.92



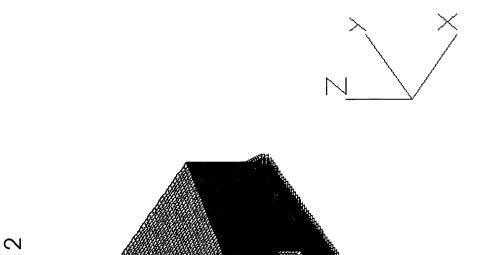
Scale: 1.0De+ODO, Step: 225, Time: 4.5 ser by Integra Engineering, 27-NOV-2000 05:22

MAR 1 1 2005

Load Area	Area, in2	#of Hodes	F/Node	Window	Window Hodes	F/Nodes	Case
West wall	₆ 78,630	2019	6.76	955.08	, 20	8.29	2 & 4
Enterance Left	3,802	92	7.17				
Garge Lower	36,314	738	8.54	672	16	7.29	2 & 4
Garage Roof	12,351	979	2.19	, k			2 & 4
Snow Garage Roof	81,846	1903	8.96				3
Snow Garage Roof	81,846	1903	6.72				. Â
Snow Main Roof	235,000	5275	9.28			•	3
Snow Main Roof	235,000	5275	6.96				. 4
Simpell : 🛦 🔏	3 4 4 6		. .		I i a i i		<u> </u>

Fig.94







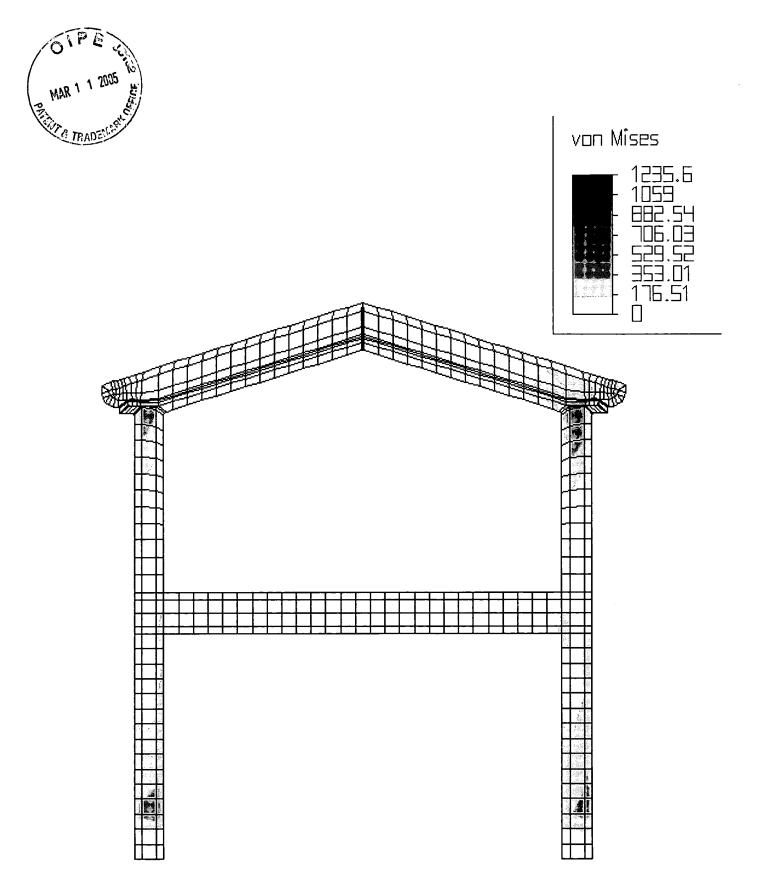


Fig.96

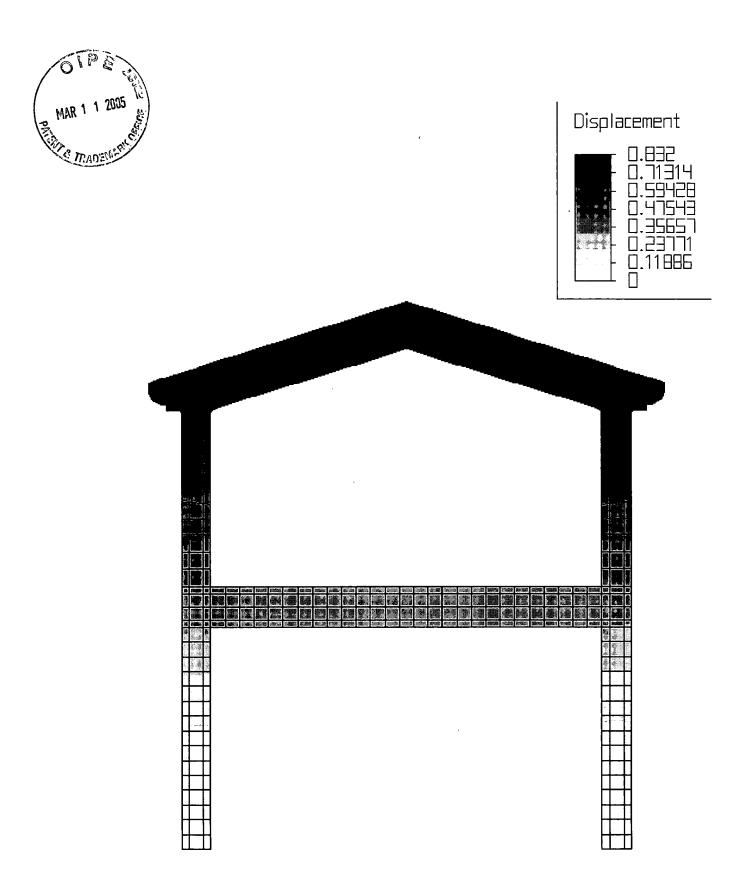


Fig.97

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